

Notice of Allowability

Application No.

09/814,303

Examiner

Asghar Bilgrami

Applicant(s)

SCHMELING, GARTH F.

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendments and remarks of March-5-2007.
2. ☒ The allowed claim(s) is/are 1,2 and 4-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Edmond A. DeFrank on March 5, 2007.

The application has been amended as follows:

Claim 1: A confederacy comprising: a network; a plurality of devices coupled via said network, at least one of said devices having a resource, said resource being embedded web content; means for announcing confederacy members by sending a message to a confederacy multicast address, wherein the devices permanently listen for other announcements on the confederacy multicast address and establish a confederacy if there are no other confederacy members, and wherein if a confederacy has already been established, all other members send unicast replies to a new device for establishing communication between the new device and existing confederacy members; means for automatically allowing at least one new member to join the confederacy if the new member indicates that it has embedded content or other resources of interest to existing members of the confederacy, wherein the new member is queried by existing members and queries the existing members are queried by the new members for existing web content names and associated Uniform Resource Locators (URLs) and wherein reciprocal monitoring relationships are established ~~with the~~ between both existing and new members so that each existing and new member can monitor changes in the web content of the other existing and new members; means for automatically effecting communication with respect to said resource between said device having said resource and at least one other of said devices coupled via said network; and a central access device for allowing an administrator to remotely manage

Art Unit: 2143

the plurality of devices connected to the network without requiring individual physical access of each device to browse the web content therein.

Claim 15: A confederacy comprising: a network; a plurality of devices coupled via said network, at least one of said devices having a resource, said resource being embedded web content; a central access device for allowing an administrator to remotely manage the plurality of devices connected to the network without requiring individual physical access of each device to browse the web content therein; and a software agent running on each device for establishing a confederacy there between, wherein with each new established device of the confederacy, the new device queries the other devices for existing web content names and their associated Uniform Resource Locators (URLs) for establishing reciprocal monitoring relationships with the devices so that each device can monitor changes in the web content of the other devices and wherein the software agent automatically allows at least one new member to join the confederacy if the new member indicates that it has embedded content or other resources of interest to existing members of the confederacy, wherein the new member is queried by existing members and queries the existing members are queried by the new members for existing web content names and associated Uniform Resource Locators (URLs) and wherein reciprocal monitoring relationships are established ~~with the~~ between both existing and new members so that each existing and new member can monitor changes in the web content of the other existing and new members.

Claim 24: A method for establishing a confederacy including the steps of: coupling a plurality of devices via a network, at least one of said devices having a resource, said resource being embedded web content; announcing confederacy members by sending a message to a confederacy multicast address, wherein the devices permanently listen for other announcements on the confederacy multicast address and establish a confederacy if there are no other confederacy members, and wherein if a confederacy has already been established, all other members send unicast replies to a new device for establishing communication between the new device and existing confederacy

Art Unit: 2143

members; remotely managing, by an administrator, the plurality of devices connected to the network without requiring individual physical access of each device to browse the web content therein; automatically effecting communication with respect to said resource between said device having said resource and at least one other of said devices coupled via said network, wherein with each established member, the new device queries the members for existing web content names and their associated Uniform Resource Locators (URLs) for establishing reciprocal monitoring relationships with the member so that each can monitor changes in the web content of the other members, wherein the reciprocal monitoring relationships includes acknowledging an object addition, deletion, or change that has been received by a monitored device; and automatically allowing at least one new member to join the confederacy if the new member indicates that it has embedded content or other resources of interest to existing members of the confederacy, wherein the new member is queried by existing members and ~~queries the existing members~~ are queried by the new members for existing web content names and associated Uniform Resource Locators (URLs) and wherein reciprocal monitoring relationships are established ~~with the~~ between both existing and new members so that each existing and new member can monitor changes in the web content of the other existing and new members.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3924. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AB


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